Figure 1

Homo sapiens secreted frizzled-related protein 1 (sFRP-1), mRNA (NM\_003012) (SEQ ID No:1):

1 cctgcagcct ccggagtcag tgccgcgcgc ccgccgcccc gcgccttcct gctcgccgca 61 cctccgggag ccggggcgca cccagcccgc agcgccgcct ccccgcccgc gccgcctccg 121 accgcaggec gagggccgcc actggccggg gggaccgggc agcagcttgc ggccgcggag 181 ccgggcaacg ctggggactg cgccttttgt ccccggaggt ccctggaagt ttgcggcagg 241 acgcgcgcgg ggaggcggcg gaggcagccc cgacgtcgcg gagaacaggg cgcagagccg 301 gcatgggcat cgggcgcagc gaggggggcc gccgcggggc cctgggcgtg ctgctggcgc 361 tgggcgcggc gcttctggcc gtgggctcgg ccagcgagta cgactacgtg agcttccagt 421 cggacatcgg cccgtaccag agcgggcgct tctacaccaa gccacctcag tgcgtggaca 481 tccccgcgga cctgcggctg tgccacaacg tgggctacaa gaagatggtg ctgcccaacc 541 tgctggagca cgagaccatg gcggaggtga agcagcaggc cagcagctgg gtgcccctgc 601 tcaacaagaa ctgccacgcc gggacccagg tcttcctctg ctcgctcttc gcgcccgtct 661 gcctggaccg gcccatctac ccgtgtcgct ggctctgcga ggccgtgcgc gactcgtgcg 721 agccggtcat gcagttcttc ggcttctact ggcccgagat gcttaagtgt gacaagttcc 781 cggagggga cgtctgcatc gccatgacgc cgcccaatgc caccgaagcc tccaagcccc 841 aaqqcacaac qqtqtqtcct ccctqtgaca acqaqttgaa atctqagqcc atcattgaac 901 atctctgtgc cagcgagttt gcactgagga tgaaaataaa agaagtgaaa aaagaaaatg 961 gcgacaagaa gattgtcccc aagaagaaga agcccctgaa gttggggccc atcaagaaga 1021 aggacctgaa gaagcttgtg ctgtacctga agaatggggc tgactgtccc tgccaccagc 1081 tggacaacct cagccaccac ttcctcatca tgggccgcaa ggtgaagagc cagtacttgc 1141 tgacggccat ccacaagtgg gacaagaaaa acaaggagtt caaaaacttc atgaagaaaa 1201 tqaaaaacca tqaqtqcccc acctttcaqt ccgtgtttaa gtgattctcc cgggggcagg 1261 gtggggaggg agcctcgggt ggggtgggag cgggggggac agtgcccggg aacccgtggt 1321 cacacacg cactgoodtg toagtagtgg acattgtaat coagtoggot tgttottgca 1381 qcattcccqc tccctttccc tccatagcca cqctccaaac cccagggtag ccatggccgg 1441 gtaaagcaag ggccatttag attaggaagg tttttaagat ccgcaatgtg gagcagcagc 1501 cactgcacag gaggaggtga caaaccattt ccaacagcaa cacagccact aaaacacaaa 1561 aagggggatt gggcggaaag tgagagccag cagcaaaaac tacattttgc aacttgttgg 1621 tgtggatcta ttggctgatc tatgcctttc aactagaaaa ttctaatgat tggcaagtca 1681 cgttgttttc aggtccagag tagtttcttt ctgtctgctt taaatggaaa cagactcata 1741 ccacacttac aattaaggtc aagcccagaa agtgataagt gcagggagga aaagtgcaag 1801 tccattatct aatagtgaca gcaaagggac caggggagag gcattgcctt ctctgcccac 1861 agtettteeg tgtgattgte tttgaatetg aateageeag teteagatge eccaaagttt 1921 cggttcctat gagcccgggg catgatctga tccccaagac atgtggaggg gcagcctgtg 1981 cctqcctttg tqtcagaaaa aqgaaaccac agtgagcctg agagagacgg cgattttcgg 2041 gctgagaagg cagtagtttt caaaacacat agttaaaaa gaaacaaatg aaaaaaattt 2101 tagaacagtc cagcaaattg ctagtcaggg tgaattgtga aattgggtga agagcttagg 2161 attctaatct catgtttttt ccttttcaca tttttaaaag aacaatgaca aacacccact 2221 tatttttcaa ggttttaaaa cagtctacat tgagcatttg aaaggtgtgc tagaacaagg 2281 tetectgate egteegagge tgetteecag aggageaget etececagge atttgeeaag 2341 ggaggcggat ttccctggta gtgtagctgt gtggctttcc ttcctgaaga gtccgtggtt 2401 gccctagaac ctaacaccc ctagcaaaac tcacagagct ttccgttttt ttctttcctg 2461 taaagaaaca tttcctttga acttgattgc ctatggatca aagaaattca gaacagcctg 2521 cctgttcccc cgcacttttt acatatattt gtttcatttc tgcagatgga aagttgacat 2581 gggtggggtg tccccatcca gcgagagagt ttcaaaagca aaacatctct gcagtttttc 2641 ccaagtaccc tgagatactt cccaaagccc ttatqtttaa tcagcgatgt atataagcca 2701 gttcacttag acaactttac ccttcttgtc caatgtacag gaagtagttc taaaaaaaat 2761 gcatattaat ttcttccccc aaagccggat tcttaattct ctgcaacact ttgaggacat 2821 ttatgattgt ccctctgggc caatgcttat acccagtgag gatgctgcag tgaggctgta 2881 aagtggcccc ctgcggccct agcctgaccc ggagaaagga tggtagattc tgttaactct 2941 tgaagactcc agtatgaaaa tcagcatgcc cgcctagtta cctaccggag agttatcctg 3001 ataaattaac ctctcacagt tagtgatcct gtccttttaa caccttttt gtggggttct 3061 ctctgacctt tcatcgtaaa gtgctgggga ccttaagtga tttgcctgta attttggatg 3121 attaaaaaat gtgtatatat attagctaat tagaaatatt ctacttctct gttgtcaaac 3181 tgaaattcag agcaagttcc tgagtgcgtg gatctgggtc ttagttctgg ttgattcact 3241 caaqaqttca qtqctcatac gtatctqctc attttqacaa aqtqcctcat qcaaccqqqc 3301 cctctctctg cggcagagtc cttagtggag gggtttacct ggaacataag tagttaccac 3361 agaatacgga agagcaggtg actgtgctgt gcagctctct aaatgggaat tctcaggtag

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3421 gaagcaacag cttcagaaag agctcaaaat aaattggaaa tgtgaatcgc agctgtgggt
3481 tttaccaccg tctgtctcag agtcccagga ccttgagtgt cattagttac tttattgaag
3541 gttttagacc catagcagct ttgtctctgt cacatcagca atttcagaac caaaagggag
3601 gctctctgta ggcacagagc tgcactatca cgagcctttg tttttctcca caaagtatct
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3721 ctgtgatttg cctgtgattt cctaattatc gctagggcca aggtgggatt tgtaaagctt
3781 tacaataatc attctggata gagtcctggg aggtccttgg cagaactcag ttaaatcttt
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4081 tgtcataact tcatagatgc aggaggctca ggtgatctgt ttgaggagag caccctaggc
4141 agcctgcagg gaataacata ctggccgttc tgacctgttg ccagcagata cacaggacat
4201 ggatgaaatt cccgtttcct ctagtttctt cctgtagtac tcctctttta gatcctaagt
4261 ctcttacaaa agctttgaat actgtgaaaa tgttttacat tccatttcat ttgtgttgtt
4321 tttttaactg cattttacca gatgttttga tgttatcgct tatgttaata gtaattcccg
4381 tacgtgttca ttttattttc atgctttttc agccatgtat caatattcac ttgactaaaa
4441 tcactcaatt aatcaatgaa aaaaaaaa
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## Protein sequence (SEQ ID No: 2):

1 MGIGRSEGGR RGALGVLLAL GAALLAVGSA SEYDYVSFQS DIGPYQSGRF YTKPPQCVDI 51 PADLRLCHNV GYKKMVLPNL LEHETMAEVK QQASSWVPLL NKNCHAGTQV FLCSLFAPVC 101 LDRPIYPCRW LCEAVRDSCE PVMQFFGFYW PEMLKCDKFP EGDVCIAMTP PNATEASKPQ 151 GTTVCPPCDN ELKSEAIIEH LCASEFALRM KIKEVKKENG DKKIVPKKKK PLKLGPIKKK 201 DLKKLVLYLK NGADCPCHQL DNLSHHFLIM GRKVKSQYLL TAIHKWDKKN KEFKNFMKKM

251 KNHECPTFQS VFK